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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Α	US 4 562 390 A (TOBISE ET AL) 31 December 1985 (1985-12-31) abstract column 5, line 34 - line 60	1-11		
A	US 2002/121902 A1 (SUZUKI KOUHEI) 5 September 2002 (2002-09-05) abstract paragraph '0085! figure 1	1-11		
A	US 4 716 487 A (HORVATH ET AL) 29 December 1987 (1987-12-29) abstract column 2, line 39 - line 46	1-11		

X Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.
<ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the International filing date but later than the priority date claimed</li> </ul>	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search	Date of mailing of the international search report
21 March 2005  Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	30/03/2005  Authorized officer  Marannino, E.

International Application No
IB2004/003920

Category °	Citation of document, with adication, where appropriate, of the relevant passages	Relevant to claim No.	
		1-11	
	EP 1 143 594 A (CANON KABUSHIKI KAISHA) 10 October 2001 (2001-10-10) abstract		
	paragraph '0003!		
	figure 1		
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## nformation on patent family members

International Application No

		nformation on patent family members				/IB2004/003920			
Patent docu cited in search			Publication date		Patent family member(s)		Publication date		
US 45623	90	A	31-12-1985	JP JP JP DE EP	1796798 4080345 60078359 3469229 0138157	B A D1	28-10-1993 18-12-1992 04-05-1985 10-03-1988 24-04-1985		
US 20021	21902	A1	05-09-2002	JP	2002209331	Α	26-07-2002		
US 47164	87	Α	29-12-1987	NONE					
EP 11435	94	Α	10-10-2001	JP AU AU EP US	2001275259 763844 3139201 1143594 2001048605	B2 A A2	05-10-2001 31-07-2003 04-10-2001 10-10-2001 06-12-2001		